

## Anti-ATG5 Antibody

Catalog #	Source	Reactivity	Applications
CQA2573	Rabbit	H, M, R	WB, IH
<b>Description</b>	Rabbit polyclonal antibody to ATG5		
<b>Immunogen</b>	Recombinant full length protein of human ATG5		
<b>Purification</b>	The antibody was purified by immunogen affinity chromatography.		
<b>Specificity</b>	Recognizes endogenous levels of ATG5 protein.		
<b>Clonality</b>	Polyclonal		
<b>Conjugation</b>			
<b>Form</b>	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
<b>Dilution</b>	WB (1/500 - 1/2000), IH (1/50 - 1/200)		
<b>Gene Symbol</b>	ATG5		
<b>Alternative Names</b>	APG5L; ASP; Autophagy protein 5; APG5-like; Apoptosis-specific protein		
<b>Entrez Gene</b>	9474 (Human); 11793 (Mouse)		
<b>SwissProt</b>	Q9H1Y0 (Human); Q99J83 (Mouse); Q3MQ06 (Rat)		
<b>Storage/Stability</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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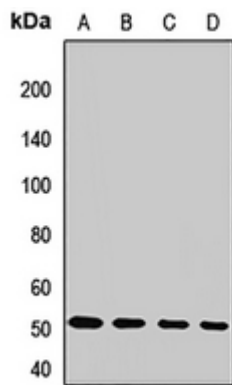
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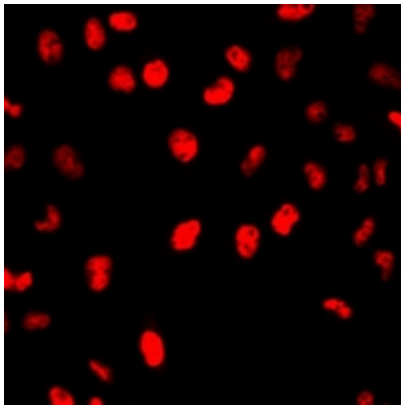
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## Product Data Sheet



Western blot analysis of ATG5 expression in HepG2 (A), NIH3T3 (B), mouse spleen (C), rat kidney (D) whole cell lysates. (Predicted band size: 22; 32 kD; Observed band size: 50 kD)



Immunohistochemical analysis of ATG5 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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